| L<br>Number | Hits | Search Text  | DB                    | Time stamp   |
|-------------|------|--|-----------------------|--------------|
| 1           | 807  | (349/110).CCLS.  | USPAT;                | 2004/01/11   |
| -           |      | (0.10, 0.20, 0.00.00)  | US-PGPUB;             | 07:08        |
|             |      |  | EPO; JPO              | 1            |
| 2           | 234  | (349/111).CCLS.  | USPAT;                | 2004/01/11   |
|             |      |  | US-PGPUB;             | 07:08        |
| ľ           |      |  | EPO; JPO              | į.           |
| 3           | 961  | ((349/110).CCLS.) ((349/111).CCLS.)  | USPAT;                | 2004/01/11   |
|             |      |  | US-PGPUB;             | 07:08        |
| Ì           | }    |  | EPO; JPO              |              |
| 4           | 820  | (((349/110).CCLS.) ((349/111).CCLS.)) not                                      | USPAT;                | 2004/01/11   |
|             |      | @ad>20001222   | US-PGPUB;             | 07:58        |
|             |      |  | EPO; JPO              | 1            |
| 5           | 22   | ((((349/110).CCLS.) ((349/111).CCLS.))   | USPAT;                | 2004/01/11   |
|             |      | not @ad>20001222) and perimeter  | US-PGPUB;             | 07:09        |
|             | 204  | ////240/110\ catc \ //240/111\ catc \\   | EPO; JPO              | 2004 (01 (11 |
| 6           | 204  | ((((349/110).CCLS.) ((349/111).CCLS.))   | USPAT;                | 2004/01/11   |
|             |      | not @ad>20001222) and peripheral   | US-PGPUB;<br>EPO; JPO | 07:09        |
| 7           | 220  | ((((((349/110).CCLS.) ((349/111).CCLS.))                                       | USPAT;                | 2004/01/11   |
| '           | 220  | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:09        |
|             |      | (((((349/110).ccls.) ((349/111).ccls.))  | EPO; JPO              | 07.03        |
|             |      | not @ad>20001222) and peripheral)  | 210, 510              | İ            |
| 8           | 0    | ((((((349/110).CCLS.) ((349/111).CCLS.))                                       | USPAT;                | 2004/01/11   |
|             |      | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:10        |
|             |      | ((((((349/110).CCLS.) ((349/111).CCLS.))                                       | EPO; JPO              |              |
|             |      | not @ad>20001222) and peripheral)) and   | į                     | 1            |
|             |      | rude   | 1                     |              |
| 9           | 201  | (((((((349/110).ccLs.) ((349/111).ccLs.))                                      | USPAT;                | 2004/01/11   |
| 1           |      | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:10        |
|             | Į i  | ((((((349/110).ccls.) ((349/111).ccls.))                                       | EPO; JPO              | 1            |
|             |      | not @ad>20001222) and peripheral)) and first                                   |                       | 1            |
| 10          | 107  | (((((((349/110).CCLs.) ((349/111).CCLs.))                                      | USPAT;                | 2004/01/11   |
| 10          | 10,  | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:11        |
|             |      | (((((349/110).ccls.) ((349/111).ccls.))  | EPO; JPO              | 1            |
|             |      | not @ad>20001222) and peripheral)) and   |                       |              |
|             |      | first) and (first near6 light)   |                       |              |
| 11          | 0    | (((((((349/110).CCLS.) ((349/111).CCLS.))                                      | USPAT;                | 2004/01/11   |
|             |      | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:11        |
|             |      | ((((((349/110).ccls.) ((349/111).ccls.))                                       | EPO; JPO              | ķ            |
| ]           |      | not @ad>20001222) and peripheral)) and   |                       |              |
| 12          | 38   | first) and (first near6 perimter) ((((((349/110).CCLS.))                       | USPAT;                | 2004/01/11   |
| **          | 38   | not @ad>20001222) and perimeter)   | USPAT;<br>US-PGPUB;   | 07:13        |
| 1           |      | (((((349/110).CCLS.) ((349/111).CCLS.))  | EPO; JPO              | 01.13        |
|             |      | not @ad>20001222) and peripheral)) and   | ]                     |              |
| ļ ļ         | }    | first) and (first near6 peripheral)  | }                     |              |
| 13          | 1    | ((((((((349/110).CCLS.) ((349/111).CCLS.))                                     | USPAT;                | 2004/01/11   |
| }           |      | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:14        |
| [           |      | ((((((349/110).CCLS.) ((349/111).CCLS.))                                       | EPO; JPO              |              |
|             | }    | not @ad>20001222) and peripheral)) and   |                       |              |
| 111         |      | first) and (first near6 narrow\$6)   | HCD.m.                | 2004/01/11   |
| 14          | 0    | (((((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad>20001222) and perimeter)    | USPAT;                | 2004/01/11   |
|             |      | (((((349/110).CCLS.) ((349/111).CCLS.))  | US-PGPUB;<br>EPO; JPO | 0/.14        |
| ]           | ]    | not @ad>20001222) and peripheral)) and   | 120, 020              |              |
| [           | Į    | first) and (last near6 narrow\$6)  | 1                     |              |
| 15          | 0    | (((((((349/110).CCLs.) ((349/111).CCLs.))                                      | USPAT;                | 2004/01/11   |
| Į į         |      | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:15        |
|             |      | (((((349/110).CCLS.) ((349/111).CCLS.))  | EPO; JPO              |              |
|             |      | not @ad>20001222) and peripheral)) and   |                       |              |
| 1.0         |      | first) and (last near6 aperture)   |                       | 0004/65/55   |
| 16          | 16   | (((((((349/110).CCLS.) ((349/111).CCLS.))                                      | USPAT;                | 2004/01/11   |
|             |      | not @ad>20001222) and perimeter)   | US-PGPUB;             | 07:18        |
| <b>\</b>    |      | (((((349/110).CCLS.) ((349/111).CCLS.)) not @ad>20001222) and peripheral)) and | EPO; JPO              |              |
|             |      | first) and (first near6 aperture)  |                       |              |
| <b></b>     |      | (  | L                     | L            |

| 17 | 4        | (((((((349/110).CCLS.)) ((349/111).CCLS.))) not @ad>20001222) and perimeter) (((((349/110).CCLS.)) ((349/111).CCLS.))   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11 07:22    |
|----|----------|---|---------------------------------|---------------------|
|    |          | not @ad>20001222) and peripheral)) and first) and (row near6 aperture)  |                                 |                     |
| 18 | 2        | <pre>((((((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad&gt;20001222) and perimeter) (((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad&gt;20001222) and peripheral)) and</pre>               | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11 07:24    |
| 19 | 0        | first) and (aperture near6 peripheral) (((((((349/110).CCLS.))  | USPAT;                          | 2004/01/11          |
|    |          | not @ad>20001222) and perimeter) (((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad>20001222) and peripheral)) and first) and (aperture near6 perimeter)                                      | US-PGPUB;<br>EPO; JPO           | 07:24               |
| 20 | 0        | <pre>((((((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad&gt;20001222) and perimeter) (((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad&gt;20001222) and peripheral)) and</pre>               | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11 07:24    |
| 21 | 7        | not @ad>20001222) and perimeter) (((((349/110).CCLS.))  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>07:27 |
| 22 | 5        | not @ad>20001222) and peripheral)) and first) and (aperture near15 peripheral) ((((((((349/110).CCLS.)  | USPAT;                          | 2004/01/11          |
|    |          | ((349/111).CCLS.)) not @ad>20001222) and perimeter) ((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad>20001222) and peripheral)) and first) and (aperture near15 peripheral)) not             | US-PGPUB;<br>EPO; JPO           | 07:24               |
|    |          | ((((((((349/110).CCLS.)<br>((349/111).CCLS.)) not @ad>20001222) and<br>perimeter) (((((349/110).CCLS.)<br>((349/111).CCLS.)) not @ad>20001222) and<br>peripheral)) and first) and (aperture |                                 |                     |
| 23 | 34       | near6 peripheral)) (((((((349/110).CCLS.)) ((349/111).CCLS.)) not @ad>20001222) and perimeter)  | USPAT;<br>US-PGPUB;             | 2004/01/11<br>07:42 |
|    | ;        | (((((349/110).CCLS.) ((349/111).CCLS.))<br>not @ad>20001222) and peripheral)) and<br>first) and (aperture near15 reduce\$6)   | EPO; JPO                        |                     |
| 24 | 31714    | 349\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>07:42 |
| 25 | 484      | 349\$.ccls. and dummy   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>07:43 |
| 26 | 6        | (349\$.ccls. and dummy) and (dummy near15 aperture)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>07:43 |
| 27 | 28074    | 349\$.ccls. not @ad>20001222  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11 08:48    |
| 29 | 448      | (349\$.ccls. not @ad>20001222) and disclination   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>07:59 |
| 30 | 2        | ((349\$.ccls. not @ad>20001222) and disclination) and (disclination near15 perimeter)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>08:01 |
| 31 | 28       | ((349%.ccls. not @ad>20001222) and disclination) and (disclination near15 peripher\$6)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>08:38 |
| 32 | 288      | 349\$.ccls. and (smaller near6 "pixel electrode")   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/01/11<br>08:48 |
| 33 | 0        | (349\$.ccls. and (smaller near6 "pixel electrode")) and (peripher\$6 near9  | USPAT;<br>US-PGPUB;             | 2004/01/11          |
| 34 | 1        | (smaller near6 "pixel electrode")) (349\$.ccls. and (smaller near6 "pixel electrode")) and (peripher\$6 near20  | EPO; JPO<br>USPAT;<br>US-PGPUB; | 2004/01/11<br>08:40 |
| L  | <u> </u> | (smaller near6 "pixel electrode"))  | EPO; JPO                        | <u> </u>            |

| 0   (3495.ccis. and (smaller near6 "pixel electrode")   03495.ccis. and (perimeter near20   03495.ccis. and (perimeter near20   03495.ccis. and (smaller near6 "pixel electrode")   03495.ccis. and (smaller near2 "pixel electrode")   03495.ccis. and (peripher56 near20   03497.   03495.ccis. and (peripher56 near20   03497.   03495.ccis. and (smaller pixel electrode")   03495.ccis. and electrode   03495.ccis. and electr   |               |       |   |           |               |
|--|---------------|-------|---|-----------|---------------|
| Second   S   | 35            | 0     |   | USPAT;    | 2004/01/11    |
| 1  |               |       | electrode")) and (perimeter near20        |           | 08:41         |
| electrode") and (perimeter near20   US-PGPUB;   EPO; FPO   (3495.ccls. and (smaller near6 pixel electrode")   USPAT:   0004/01/11   USPAT:   USPAT:   0004/01/11   USPAT:  |               | ļ     |   |           | ļ.            |
| (smaller near8 "electrode")   EPO, JPO   2004/01/11  | 36            | 0     | (349\$.ccls. and (smaller near6 "pixel    |           | 1             |
| 1   (349s.ccls. and (smaller near6 "pixel electrode")   and (peripher56 near20   SPACT;   C004/01/11     2   24   349s.ccls. and (peripher56 near20   USPACT;   US-EGUUS;   EPO; JPO   USPACT;   US-EGUUS;   USPACT;   US-EGUUS;   USPACT;   US-EGUUS;   U   |               |       | electrode")) and (perimeter near20        |           | 08:41         |
| Selectrode") and (peripher\$6 near20   US-PGFUB; (smaller near2 "electrode")   EPO; JPO   JPO; JPO   USPAT; (smaller near2 "electrode")   US-FGFUB; EPO; JPO   USPAT; (smaller near2 "electrode")   US-PGFUB; EPO; JPO   USPAT; (selectrode")   USPAT; (selectro  |               |       |   | EPO; JPO  |               |
| Smaller near8 "electrode")   | 37            | 1     | (349\$.ccls. and (smaller near6 "pixel    | USPAT;    | 2004/01/11    |
| Smaller near8 "electrode")   |               |       | electrode")) and (peripher\$6 near20      | US-PGPUB; | 08:42         |
| 24   349\$.ccls. and (peripher\$6 near20   USPAT;   2004/01/11   2004/   |               |       |   | EPO; JPO  |               |
| Smaller near8 "electrode")   US-PGPUB;   EPO; JPO   2004/01/11   200   | 38            | 24    | 349\$.ccls. and (peripher\$6 near20       | USPAT;    | 2004/01/11    |
| 39   |               |       |   | -         |               |
| 3493.ccls. and ("smaller pixel electrode")   USPAT;   U   |               |       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   | 1         | 557.12        |
| electrode")  | 39            | 27    | 3498.ccls. and ("smaller pixel            |           | 2004/01/11    |
| 19   |               |       |   | 1         | 1             |
| 19   |               |       | ,   | i i       | *****         |
|  | 40            | 19    | (349\$.ccls. and ("smaller pixel          |           | 2004/01/11    |
| 216   349/54).CCLS.   EPO; JFO USPAT: US-PGPUB; EPO; JFO USPAT: US-P   |               |       |   |           |               |
| 196   (349/54).CCLS.   US-PGPUB; BPO; JPO   USPAT; US-PGPUB; BPO; JPO   USPAT; US-PGPUB; BPO; JPO   USPAT; US-PGPUB; GRO; JPO   USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-P   | 1             | 1     | Clocked // Not (dd/20001222               | 1         | 00.93         |
| 196  | <sub>41</sub> | 216   | (349/54) CCTS                             | · ·       | 2004/01/11    |
| 196    ((349/54).CCLS.) not @ad>20001222   mod   USPAT; US-PGPUB; gate line"   2004/01/11   US-PGPUB; gate line"   3498.ccls. not @ad>20001222) and   USPAT; US-PGPUB; gate line"   2004/01/11   US-PGPUB; gate line"   2004/01/11   US-PGPUB; gate line"   3498.ccls. not @ad>20001222) and   USPAT; US-PGPUB; gate line"   2004/01/11   US-PGPUB; gate line line line line line line line lin  | 34            | 210   | (349/34).0013.                            |           |               |
| 196  | !             |       |   |           | 00:34         |
| 8 (349\$.ccls. not @ad>20001222) and "dummy USPAT; USPGPUB; EPO; JPO  0 (349\$.ccls. not @ad>20001222) and "dummy USPAT; USPGPUB; EPO; JPO  1 (349\$.ccls. not @ad>20001222) and USPAT; USPAT; USPGPUB; EPO; JPO  2 (349\$.ccls. not @ad>20001222) and (small near20 "first row") USPAT; USPGPUB; EPO; JPO  2 (349\$.ccls. not @ad>20001222) and (small near20 "first row") USPAT; USPGPUB; EPO; JPO  2 (349\$.ccls. not @ad>20001222) and USPAT; USPGPUB; EPO; JPO  3 (349\$.ccls. not @ad>20001222) and USPAT; USPGPUB; EPO; JPO  4 (349\$.ccls. not @ad>20001222) and (small near20 "first column") USPAT; U   | 12            | 106   | (/3/0/5/) CCIS ) not 0:20001222           |           | 2004 (01 /11  |
| ## 8   | 12            | 130   | (\549/54).CCD5.) NOT @dG>2UUU1222         |           | /             |
| 8 (3495.ccls. not @ad>20001222) and "dummy gate line"  90 (3495.ccls. not @ad>20001222) and (small general gate line"  10 (3495.ccls. not @ad>20001222) and (small general gate line"  11 (3495.ccls. not @ad>20001222) and (small general gate line"  12 (3495.ccls. not @ad>20001222) and (small general gate line"  13 (3495.ccls. not @ad>20001222) and (small general gate line"  14 (smaller near20 "first row")  15 (3495.ccls. not @ad>20001222) and (small general gate line gate l   |               |       |   |           | 08:58         |
| Gate line"   | 42            |       | /2404 1                                   | 1         | 0004 (00 :::: |
| So   | 43            | l 8 . |   |           |               |
| 0  |               |       | gate line"                                |           | 08:59         |
| (smaller near20 "first row")  2 (349\$.ccls. not @ad>20001222) and (small USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; US-PGPUB; EPO; JPO USPAT; US-PGPUB; US-PGP  |               |       |   | 1         |               |
| Signature   Sign   | 50            | 0     |   |           | 1             |
| 2  |               |       | (smaller near20 "first row")              | US-PGPUB; | 10:00         |
| near20 "first row")  | _             |       |   | EPO; JPO  |               |
| 52 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "first row")   | 51            | 2     |   | USPAT;    | 2004/01/11    |
| 52   |               |       | near20 "first row")                       | US-PGPUB; | 09:56         |
| (smaller near20 "first row")   | 1             |       |   | EPO; JPO  |               |
| 2  | 52            | 0     |   | USPAT;    | 2004/01/11    |
| 2 (349\$.ccls. not @ad>20001222) and (smaller near20 "first column")  54 0 (349\$.ccls. not @ad>20001222) and (small near20 "first column")  55 0 (349\$.ccls. not @ad>20001222) and (small (small near20 "last column")  56 0 (349\$.ccls. not @ad>20001222) and (small (smaller near20 "last column")  57 0 (349\$.ccls. not @ad>20001222) and (small (smaller near20 "last row")  58 0 (349\$.ccls. not @ad>20001222) and (small near20 "last row")  59 0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  60 0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  60 1 (349\$.ccls. not @ad>20001222) and (small (spart) (spa  |               |       | (smaller near20 "first row")              | US-PGPUB; | 09:57         |
| (smaller near20 "first column")  (smaller near20 "first column")  (349\$.ccls. not @ad>20001222) and (small near20 "first column")  (349\$.ccls. not @ad>20001222) and (small US-PGPUB; EPO; JPO USPAT; 2004/01/11 (smaller near20 "last column")  (smaller near20 "last row")  (349\$.ccls. not @ad>20001222) and (small (smaller near20 "last row")  (349\$.ccls. not @ad>20001222) and (small near20 "last column")  (349\$.ccls. not @ad>20001222) and (small near20 "last column")  (349\$.ccls. not @ad>20001222) and (small (specific pro; JPO) (specific pro;  |               |       |   | EPO; JPO  | ļ.            |
| 54 0 (349\$.ccls. not @ad>20001222) and (small near20 "first column")  | 53            | 2     | (349\$.ccls. not @ad>20001222) and        | USPAT;    | 2004/01/11    |
| 54 0 (349\$.ccls. not @ad>20001222) and (small near20 "first column")  55 0 (349\$.ccls. not @ad>20001222) and (small (smaller near20 "last column")  56 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  57 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  58 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  59 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  59 1 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 1 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 1 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 1 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  61 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  62 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  62 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  63 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  64 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  65 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  66 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  67 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  68 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  69 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  60 0 (349\$.ccls. not @ad>20001222)  61 0 (349\$.ccls. not @ad>2                              |               | i     | (smaller near20 "first column")           | US-PGPUB; | 09:59         |
| near20 "first column")   US-PGPUB;   EPO; JPO   USPAT;   US-PGPUB;   EPO; JPO   USPAT;   US-PGPUB;   EPO; JPO   USPAT;   US-PGPUB;   EPO; JPO   USPAT;   US-PGPUB;   USPAT;   U   |               |       |   |           | )             |
| 55 0 (349\$.ccls. not @ad>20001222) and (USPAT; US-PGPUB; EPO; JPO (349\$.ccls. not @ad>20001222) and (USPAT; US-PGPUB; EPO; JPO (349\$.ccls. not @ad>20001222) and (USPAT; US-PGPUB; EPO; JPO (349\$.ccls. not @ad>20001222) and (SMAIL (SMA   | 54            | 0     | (349\$.ccls. not @ad>20001222) and (small | USPAT;    | 2004/01/11    |
| 0   (349\$.ccls. not @ad>20001222) and (smaller near20 "last column")  |               |       | near20 "first column")                    | US-PGPUB; | 09:59         |
| (smaller near20 "last column")  (smaller near20 "last column")  (349\$.ccls. not @ad>20001222) and (small uspar; 2004/01/11 near20 "last row")  (349\$.ccls. not @ad>20001222) and (small near20 "last row")  (349\$.ccls. not @ad>20001222) and (small uspar; 2004/01/11 us-pGpuB; EPO; JPO uspar; 2004/01/11 us-pGpuB; EPO; JPO uspar; 2004/01/11 us-pGpuB; 10:00 EPO; JPO uspar; 2004/01/11 us-pGpuB; 10:00 EPO; JPO uspar; 2004/01/11 us-pGpuB; 10:00 EPO; JPO uspar; 2004/01/11 (aperture near20 "first row")  (349\$.ccls. not @ad>20001222) and (small uspar; 2004/01/11 (aperture near20 "first column")  (349\$.ccls. not @ad>20001222) and (small uspar; 2004/01/11 uspar; 2004  |               |       |   | EPO; JPO  |               |
| Smaller near20 "last column")  | 55            | 0     | (349\$.ccls. not @ad>20001222) and        | USPAT;    | 2004/01/11    |
| 56 0 (349\$.ccls. not @ad>20001222) and (small (smaller near20 "last row")  57 0 (349\$.ccls. not @ad>20001222) and (small near20 "last row")  58 0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  59 1 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  60 1 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  60 1 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  60 2 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  61 349\$.ccls. not @ad>20001222) and (small near20 "last column")  62 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  63 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  64 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  65 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  66 (specific near20 "last column")  67 (specific near20 "last column")  68 (specific near20 "last column")  69 (specific near20 "last column")  60 (specific near20 "last column")  61 (specific near20 "last column")  62 (specific near20 "last row")  63 (specific near20 "last row")   |               | ľ     | (smaller near20 "last column")            |           | 1             |
| 0 (349\$.ccls. not @ad>20001222) and (smaller near20 "last row")  0 (349\$.ccls. not @ad>20001222) and (small near20 "last row")  0 (349\$.ccls. not @ad>20001222) and (small near20 "last row")  1 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  1 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  1 (349\$.ccls. not @ad>20001222) and (small near20 "first row")  1 (349\$.ccls. not @ad>20001222) and (small near20 "first row")  1 (349\$.ccls. not @ad>20001222) and (small near20 "first row")  2004/01/11 (sperture near20 "first column")  2004/01/11 (sperture near20 "first column")  349\$.ccls. not @ad>20001222) and (small near20 "sperture near20   |               | ļ     | , , , , , , , , , , , , , , , , , , ,     |           | • • •         |
| (smaller near20 "last row")  (349\$.ccls. not @ad>20001222) and (small near20 "last row")  (349\$.ccls. not @ad>20001222) and (small near20 "last row")  (349\$.ccls. not @ad>20001222) and (small near20 "last column")  (349\$.ccls. not @ad>20001222) and (small near20 "last column")  (349\$.ccls. not @ad>20001222) and (small near20 "first row")  (349\$.ccls. not @ad>20001222) and (small near20 "first row")  (349\$.ccls. not @ad>20001222) and (small near20 "first row")  (349\$.ccls. not @ad>20001222) and (small near20 "sirst row")  | 56            | 0     |   |           | 2004/01/11    |
| 57 0 (349\$.ccls. not @ad>20001222) and (small near20 "last row")  58 0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  59 1 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  60 1 (349\$.ccls. not @ad>20001222) and (small near20 "first row")  61 0 (349\$.ccls. not @ad>20001222) and (small near20 "first row")  62 0 (349\$.ccls. not @ad>20001222) and (small near20 "first row")  63 (349\$.ccls. not @ad>20001222) and (small near20 "spar; n  |               |       | (smaller near20 "last row")               | US-PGPUB: |               |
| 0 (349\$.ccls. not @ad>20001222) and (small near20 "last row")  0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  10:00  10:00  10:00  11:000  12:004/01/11  10:00  13:000  13:000  14:000  15:000  15:000  16:000  16:000  17:000  18:000  18:000  19:000  10:0000  10:000  10:000  10:000  10:000  10:000  10:000  10:000  10:000  10:000  10:000  10:000  10   |               |       | •   |           |               |
| near20 "last row")   | 57            | 0     | (349\$.ccls. not @ad>20001222) and (small | i i       | 12004/01/11   |
| 0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  1 (349\$.ccls. not @ad>20001222) and (small usPAT; us-pgpuB; lo:00 EPO; JPO usPAT; usPGPuB; lo:01 EPO; JPO usPAT; us-pgpuB; lo:02   |               |       |   | · ·       | l i i         |
| 0 (349\$.ccls. not @ad>20001222) and (small near20 "last column")  1 (349\$.ccls. not @ad>20001222) and USPAT; US-PGPUB; Depoint   |               |       | ·   | ·         |               |
| near20 "last column")  1 (349\$.ccls. not @ad>20001222) and (349\$.ccls. not | 58            | 0     | (349\$.ccls. not @ad>20001222) and (small |           | 2004/01/11    |
| 1 (349\$.ccls. not @ad>20001222) and (aperture near20 "first row")  1 (349\$.ccls. not @ad>20001222) and (below the continuous partial processes pro   |               | -     | near20 "last column")                     |           |               |
| 1 (349\$.ccls. not @ad>20001222) and (aperture near20 "first row")  1 (349\$.ccls. not @ad>20001222) and (aperture near20 "first column")  1 (349\$.ccls. not @ad>20001222) and (aperture near20 "first column")  1 (349\$.ccls. not @ad>20001222) and (aperture near20 "last column")  2004/01/11 (USPAT; (2004/01/11 (aperture near20 "last column")  2004/01/11 (USPAT; (2004/01/11 (aperture near20 "last column")  2004/01/11 (USPAT; (2004/01/11 (aperture near20 "last row")  2004/01/11 (USPAT; (2004/01/11 (aperture near20 "last row")   |               |       | · · ,                                     |           |               |
| (aperture near20 "first row")  (aperture near20 "first row")  (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "first column")  (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "last column")  (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "last column")  (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "last row")  (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "last row")  | 59            | 1     | (349\$.ccls. not @ad>20001222) and        |           | 2004/01/11    |
| 60 1 (349\$.ccls. not @ad>20001222) and (aperture near20 "first column") US-PGPUB; 10:02 EPO; JPO (349\$.ccls. not @ad>20001222) and (aperture near20 "last column") US-PGPUB; 10:02 EPO; JPO (349\$.ccls. not @ad>20001222) and (aperture near20 "last row") USPAT; 2004/01/11 US-PGPUB; 10:02 EPO; JPO USPAT; (aperture near20 "last row") USPAT; 2004/01/11 US-PGPUB; 10:02   |               |       |   |           |               |
| 60 1 (349\$.ccls. not @ad>20001222) and (aperture near20 "first column") USPAT; US-PGPUB; EPO; JPO (349\$.ccls. not @ad>20001222) and (aperture near20 "last column") USPAT; US-PGPUB; EPO; JPO (349\$.ccls. not @ad>20001222) and USPAT; US-PGPUB; EPO; JPO (349\$.ccls. not @ad>20001222) and USPAT; USPAT   |               |       |   |           |               |
| (aperture near20 "first column")  (349\$.ccls. not @ad>20001222) and (aperture near20 "last column")  (349\$.ccls. not @ad>20001222) and (below the column)  (349\$.ccls. not @ad>20001222) and (column)  (349\$.ccls. not @ad>20001222) and (column)  (aperture near20 "last row")  (349\$.ccls. not @ad>20001222) and (column)  | 60            | 1     | (349\$.ccls. not @ad>20001222) and        |           | 2004/01/11    |
| 61 0 (349\$.ccls. not @ad>20001222) and (aperture near20 "last column") US-PGPUB; 10:02 EPO; JPO (349\$.ccls. not @ad>20001222) and (aperture near20 "last row") USPAT; 2004/01/11 US-PGPUB; 10:02   |               | -     |   | · ·       |               |
| 61 0 (349\$.ccls. not @ad>20001222) and (aperture near20 "last column") USPAT; US-PGPUB; 10:02 EPO; JPO (349\$.ccls. not @ad>20001222) and (aperture near20 "last row") USPAT; US-PGPUB; 10:02   |               | ļ     |   |           | 10.02         |
| (aperture near20 "last column")  0 (349\$.ccls. not @ad>20001222) and  | 61            | 0     | (349\$.ccls. not @ad>20001222) and        |           | 2004/01/11    |
| 62 0 (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "last row") US-PGPUB; 10:02   |               | ĭ [   |   | · ·       |               |
| 0 (349\$.ccls. not @ad>20001222) and USPAT; 2004/01/11 (aperture near20 "last row") USPAT; 10:02   |               | - 1   | (aportare mearro Tabe Cormint)            |           | 10:02         |
| (aperture near20 "last row") US-PGPUB; 10:02   | 62            | ا م   | (3495 ccls not 0=d>20001222) and          |           | 2004/01/11    |
| · · · · · · · · · · · · · · · · · · ·  |               | ٠Į    |   | í         |               |
| EPO; JPO   | j             | ĺ     | (apereure mearzo rast tow )               |           | 10:02         |
|  |               |       |   | E50; 150  |               |